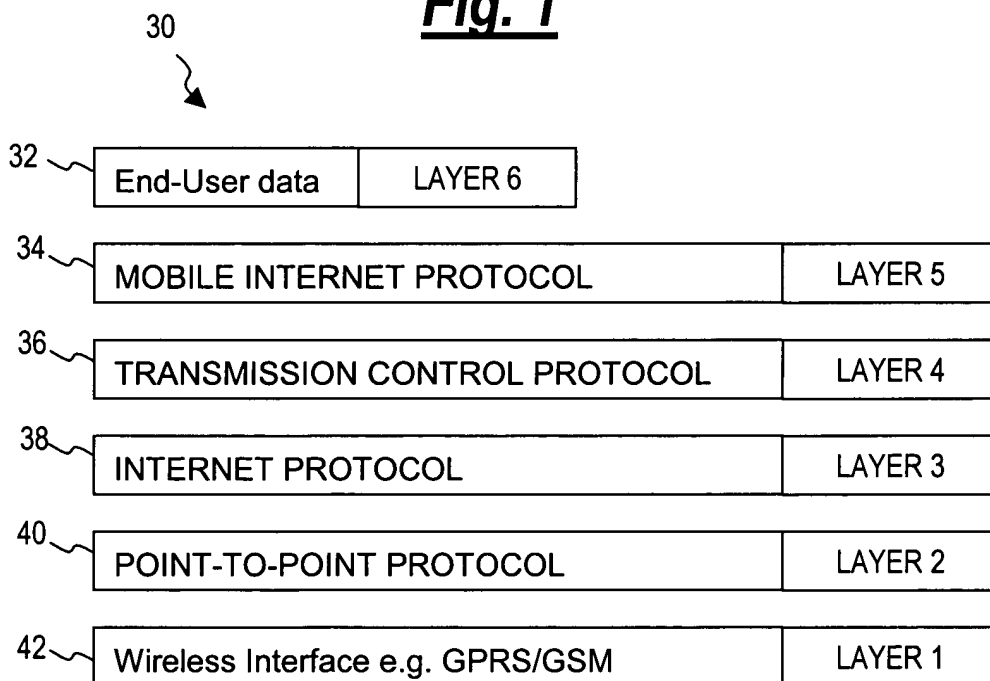
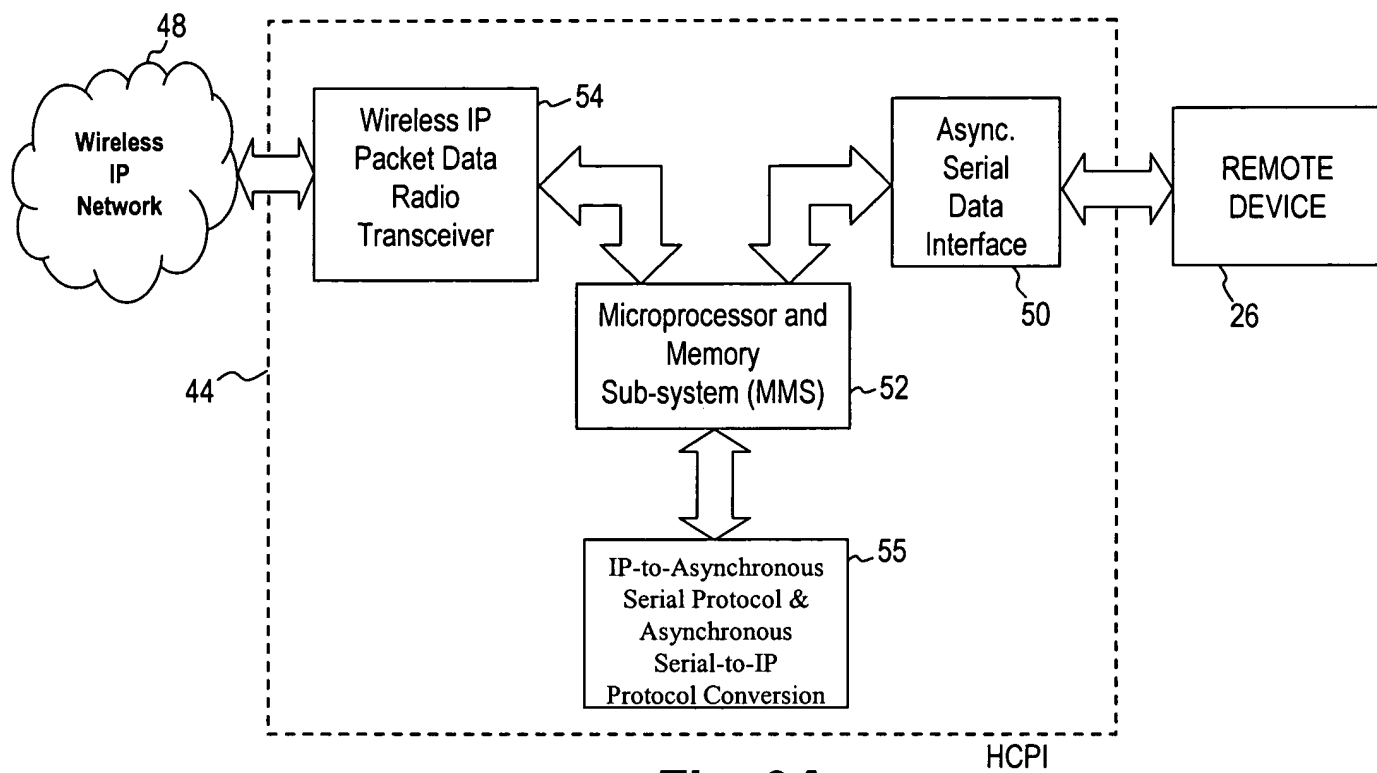


PRIOR ART

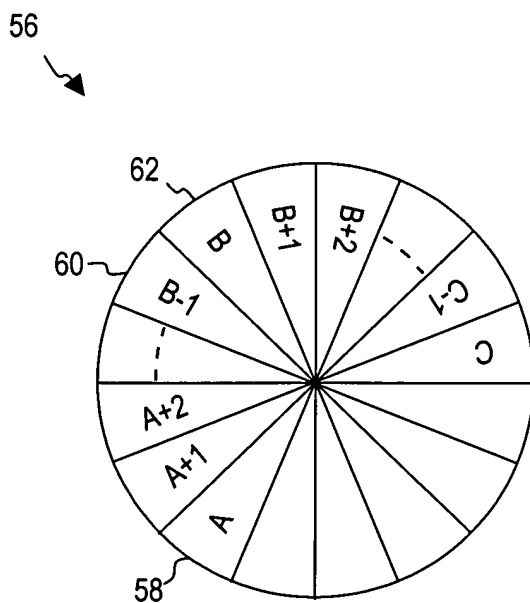
**Fig. 1**



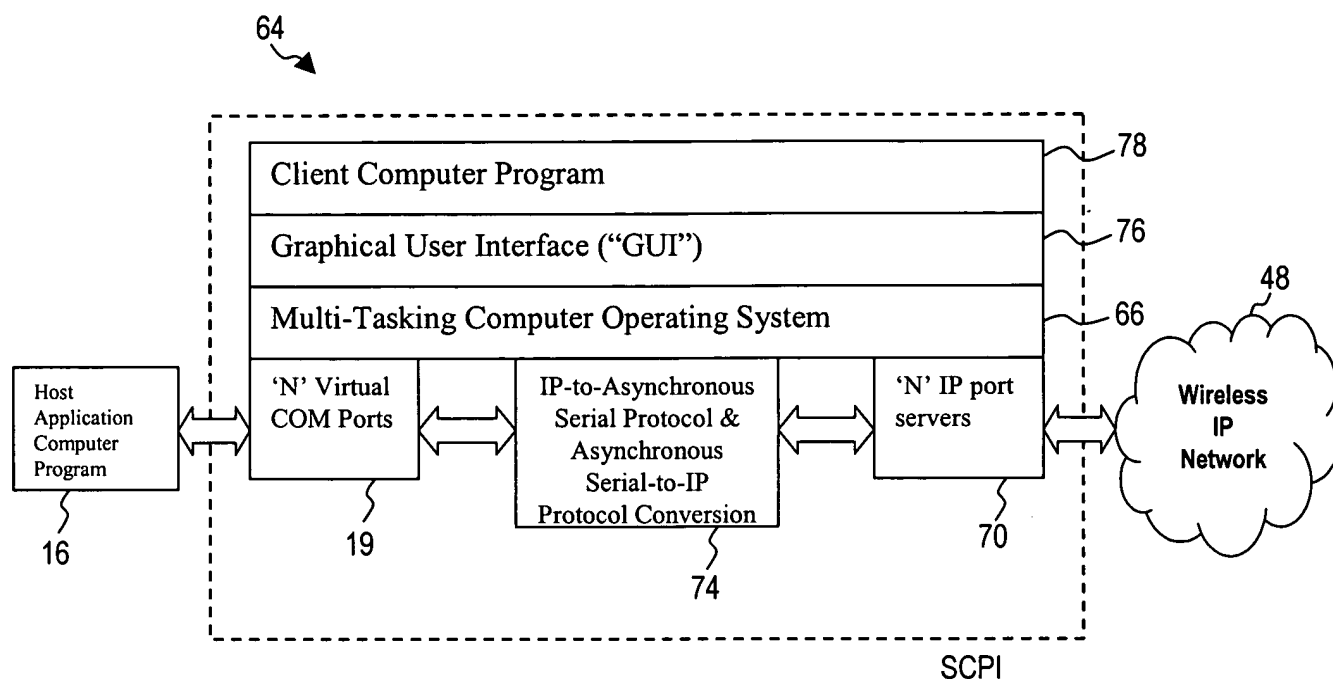
**Fig. 2**



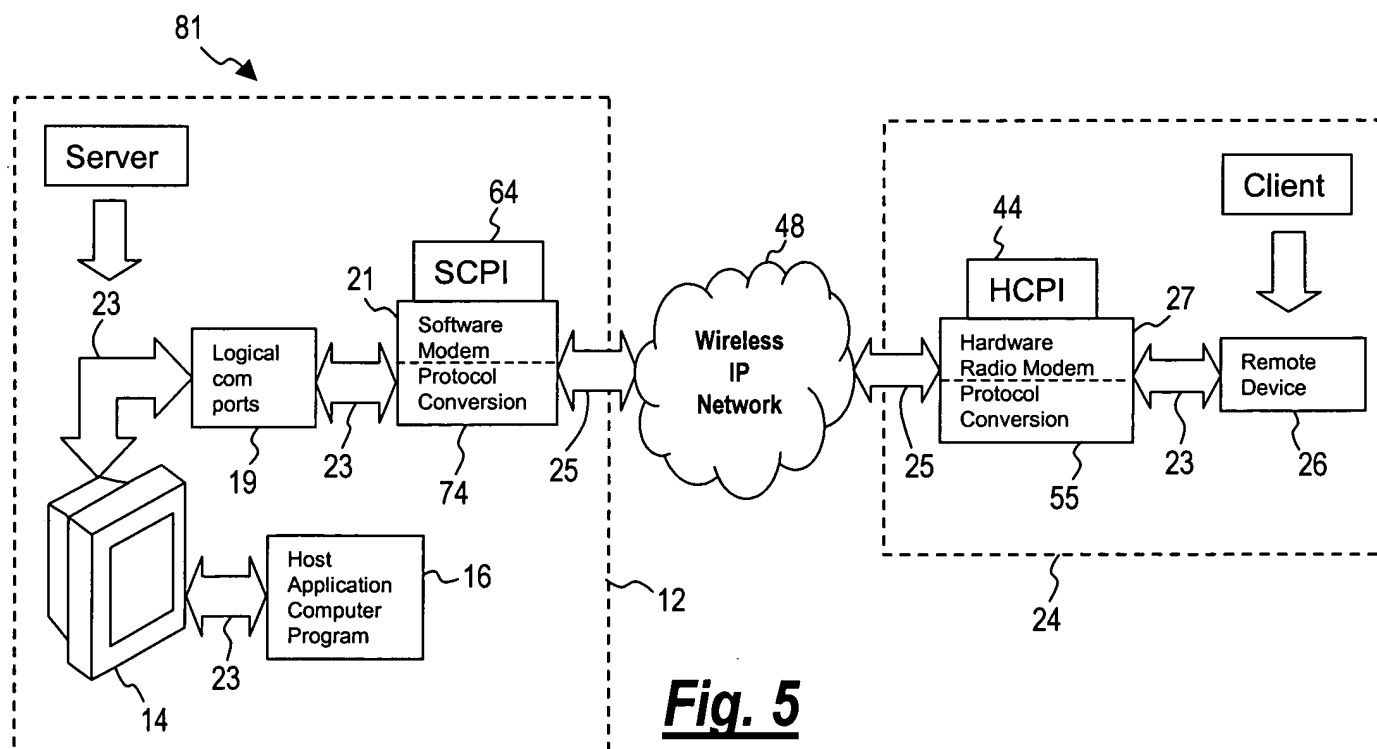
**Fig. 3A**



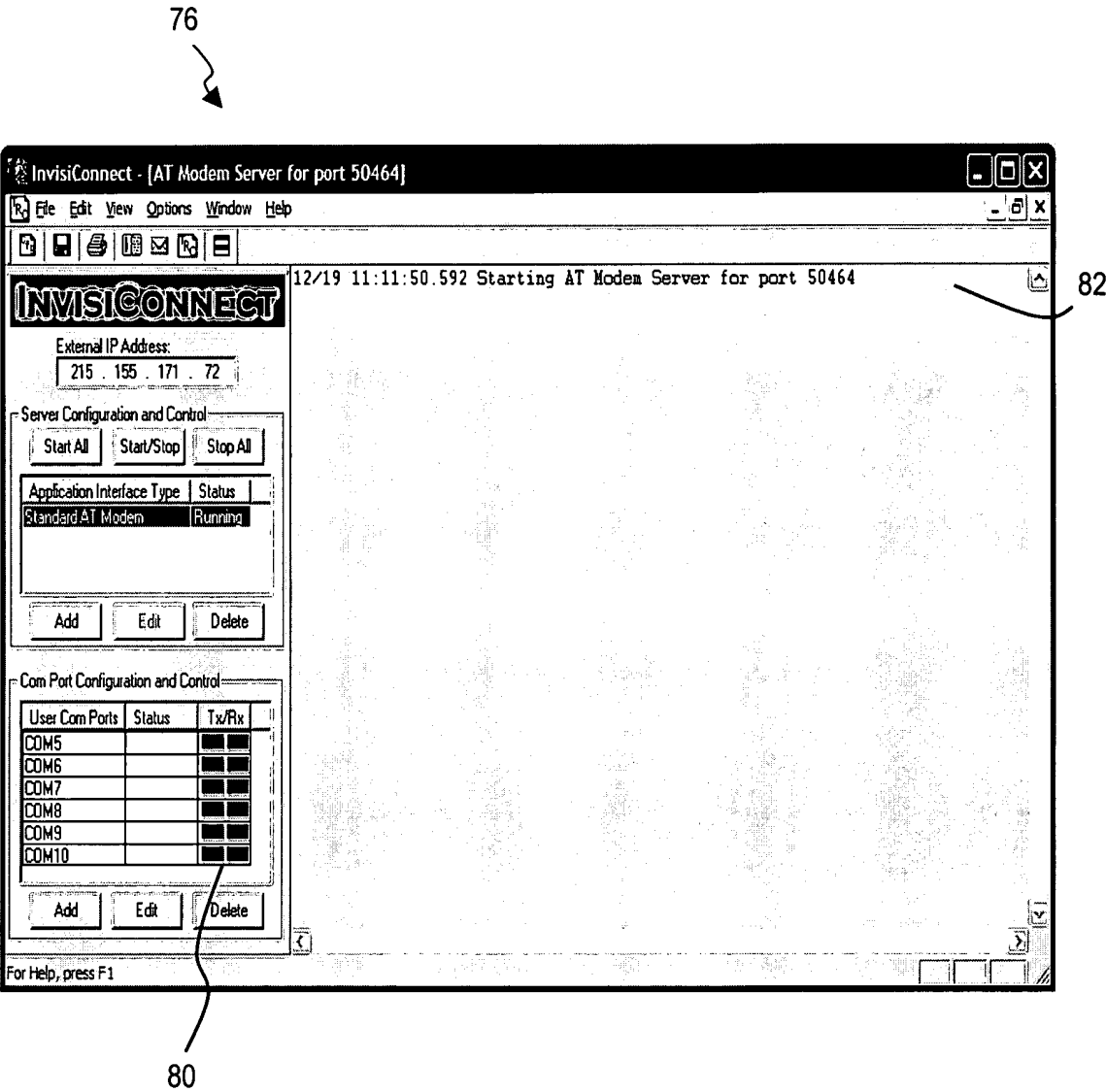
**Fig. 3B**



**Fig. 4**



**Fig. 5**



**Fig. 6**

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**SMS/USSD Settings**

☒ Enable

SMTP Server Address:  
relay.apci.com

SMS/USSD Prefix:

SMS/USSD Suffix:  
@tmomail.net

'From' Display Name:  
Invisi

'From' Address (e.g. Invisi@abc.com)  
joeh@metretekfl.com

Override Call Back IP Address:  
144 . 249 . 56 . 47

OK Cancel

**Fig. 7**

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92

88

96

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Change Remote Device Configuration Settings

NOTE: Values that are zero or left blank will not be updated.

☐ Apply Changes to ALL Remote Devices

Remote ID

0000F0

111111

123456

555555

AAAAAA

ABCDEF

☐ Use DSR as Control Output

DSR Control

☒ DSR On ☐ DSR Off

Last Reported Signal Strength: 0

Change Call Schedule/Retry Strategy

Primary Count(1-15) 0 Every (1-15) 0 Minutes

Secondary Interval Every (1-15) 0 Hours

Change APN Address: internet3

Change IP Connection Address

To change the IP Address that a remote device will connect to, change the corresponding IP Address to the new IP Address the remote device will call.

Main IP Address: 0 . 0 . 0 . 0 Port Number: 0

Alarm 2 IP Address: 0 . 0 . 0 . 0 0

Alarm 3 IP Address: 0 . 0 . 0 . 0 0

Alarm 4 IP Address: 0 . 0 . 0 . 0 0

Connection Information

SMS Address: 5551212@tmomail.net Call Back IP Address: 0 . 0 . 0 . 0

SMS Now Call Back Port: 0

Clear Settings Close

**Fig. 8**

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The screenshot shows a dialog box titled "Add Interface" with a close button (X) in the top right corner. The text inside the dialog box reads: "Please select an Interface type and the IP port number to listen on." Below this, there is a section labeled "User Application Interface" containing a dropdown menu with "Standard AT Modem" selected. Underneath is a text field for "IP Port Number" containing the value "50464". A checked checkbox labeled "Auto start server at startup" is present. Below that is a "Wait" field with the value "100" followed by the text "ms before sending packets". This is followed by a "Maximum packet size:" field with the value "1375". An unchecked checkbox labeled "Use Packet Concatenation" is shown. Below that is a checked checkbox labeled "Close connection after" followed by a field with the value "5" and the text "minutes with no user data sent or received. (65535 = Forever)". A note below this states: "Note: Increasing this value sends overhead data which may lead to increased cellular data charges." At the bottom of the dialog box is a button labeled "Latency Compensation". At the very bottom are "OK" and "Cancel" buttons. Three callout numbers with arrows point to specific elements: "100" points to the "Wait" field, "102" points to the "Maximum packet size:" field, and "106" points to the "Latency Compensation" button.

Add Interface

Please select an Interface type and the IP port number to listen on.

User Application Interface

Standard AT Modem

IP Port Number

50464

☒ Auto start server at startup

Wait 100 ms before sending packets

Maximum packet size: 1375

☐ Use Packet Concatenation

☒ Close connection after 5 minutes with no user data sent or received. (65535 = Forever)

Note: Increasing this value sends overhead data which may lead to increased cellular data charges.

Latency Compensation

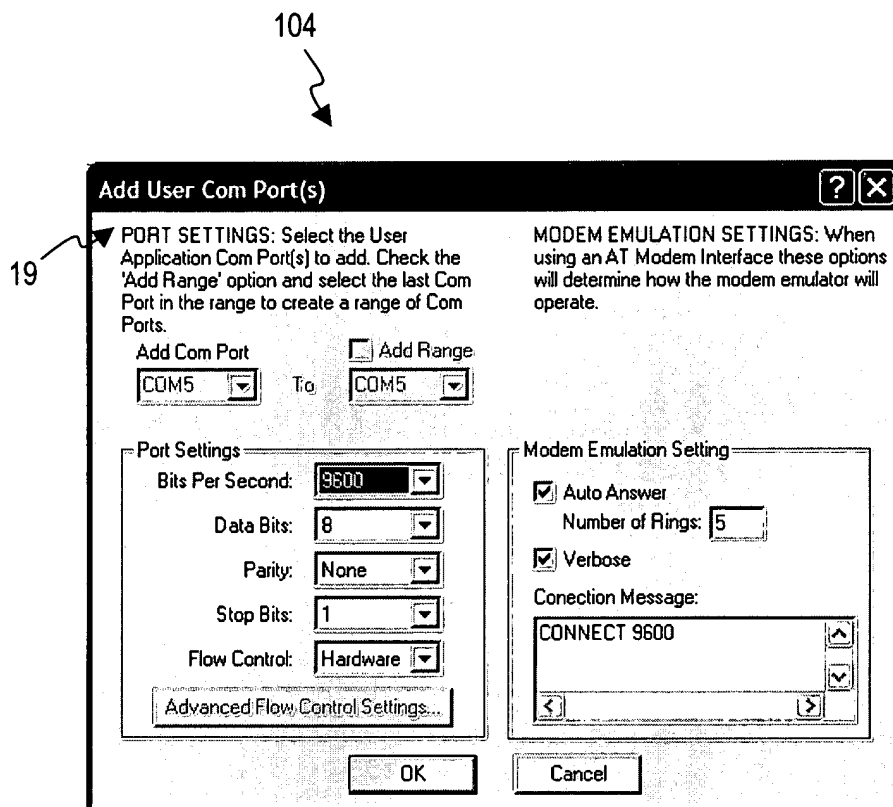
OK Cancel

100

102

106

**Fig. 9**



**Fig. 10**



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**Latency Compensation** [X]

Packet Data Networks generally exhibit longer delays or latencies than those encountered in "real-time" oriented networks such as dial-up analog modem service.

InvisiConnect can compensate for these latencies using any or all of three (patent pending) algorithms.

1. Fast Loop-back Response
2. Block Transmit
3. Tickle Hold-Off

Fast Loop-back Response | Block Transmit | Tickle Hold-Off

☒ Enable Fast Loop-Back

Host (user) application sends:	InvisiConnect responds with:	Transmit Command
ee db	ab cd	<input checked="" type="checkbox"/>

Add Delete

OK Cancel

**Fig. 11**

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**Latency Compensation**

Packet Data Networks generally exhibit longer delays or latencies than those encountered in "real-time" oriented networks such as dial-up analog modem service.

InvisiConnect can compensate for these latencies using any or all of three (patent pending) algorithms.

1. Fast Loop-back Response
2. Block Transmit
3. Tickle Hold-Off

Fast Loop-back Response | **Block Transmit** | Tickle Hold-Off

☒ Block Transmit for  ms or until response received from remote.

For these commands, don't block the next command

ab cd

Add Delete

OK Cancel

**Fig. 12**

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**Latency Compensation**

Packet Data Networks generally exhibit longer delays or latencies than those encountered in "real-time" oriented networks such as dial-up analog modem service.

InvisiConnect can compensate for these latencies using any or all of three (patent pending) algorithms.

1. Fast Loop-back Response
2. Block Transmit
3. Tickle Hold-Off

**Fast Loop-back Response** | **Block Transmit** | **Tickle Hold-Off**

☒ Enable Tickle Hold-Off

Host (user) application sends:	Delay	Count	Hold-off string sent by IC:
ab cd	250	3	ab cd

Add Delete

OK Cancel

**Fig. 13**